

1. (Currently Amended) A method for operating a flue gas purification plant ~~(10)-with having~~ at least one absorber chamber ~~(11), in which the method comprising:~~  
~~\_\_\_\_\_ simultaneously oxidizing CO and NO are simultaneously oxidized by means of~~  
~~with a catalyst in a first absorber (15)-according to the SCONOx principle, and absorbing~~  
~~the resulting NO<sub>2</sub> is absorbed on the catalyst surface, and in which;~~  
~~\_\_\_\_\_ oxidizing SO<sub>2</sub> is furthermore oxidized by means of with a catalyst in a second~~  
~~absorber (14)-upstream of the first absorber (15)-according to the SCOSOx principle, and~~  
~~absorbing the resulting SO<sub>3</sub> is absorbed on the catalyst surface, in which method;~~  
~~\_\_\_\_\_ disconnecting the absorber chamber (11) is disconnected from the flue gas stream~~  
~~in regularly repeating regeneration cycles, and regenerated by means of regenerating the~~  
~~absorber chamber with a regeneration gas containing hydrogen, and/or hydrogen~~  
~~compounds, or both;~~  
~~\_\_\_\_\_ wherein the two absorbers (14, 15) of the absorber chamber (11) being are~~  
~~regenerated in succession and;~~  
~~\_\_\_\_\_ wherein regenerating comprises injecting regeneration gas being injected into the~~  
~~absorber chamber between the two absorbers (14, 15), characterized in that; and~~  
~~\_\_\_\_\_ purging first the section of the absorber chamber (11)-with the absorber to be~~  
~~regenerated later is first purged with a purge gas before the start of the regeneration of~~  
~~regenerating the absorber which is regenerated first.~~

2. (Currently Amended) The method as claimed in claim 1, ~~characterized in~~  
~~that comprising:~~  
~~\_\_\_\_\_ using the regeneration gas is used as the purge gas.~~

3. (Currently Amended) The method as claimed in ~~one of claims 1 and~~  
~~2~~Claim 1, characterized in that comprising:  
~~\_\_\_\_\_ regenerating the SCOSOx absorber (14) is regenerated first; and~~  
~~\_\_\_\_\_ regenerating the SCONOx absorber (15) is regenerated afterward after~~  
~~regenerating the SCOSOx absorber.~~

4. (Currently Amended) The method as claimed in ~~one of claims 1 to 3~~Claim

~~1, characterized in that the wherein purging is carried out comprises purging~~ over a time period of several seconds, ~~in particular between 15 and 30 seconds.~~

5. (Currently Amended) The method as claimed in ~~one of claims 1 to 4~~ Claim 1, characterized in that comprising:

disconnecting the absorber chamber (11) ~~is disconnected~~ from the flue gas stream by ~~means of closable closing~~ dampers (12, 13) at the input and output of the absorber chamber (11), in that;

controlling the purging ~~is controlled~~ by inlet and outlet valves (16, 17, 19, 29); and in that

bringing the inlet and outlet valves (16, 17, 19, 29) ~~have already been brought into the a purging position necessary for the purging when before closing~~ the dampers (12, 13) ~~are closed.~~

6. (New) The method as claimed in Claim 5, wherein purging comprises purging over a time period of between 15 seconds and 30 seconds.